

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068251.D
 Acq On : 29 Jan 2021 20:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/3/2021 10:07:25 AM

Quant Time: Jan 30 00:05:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	271481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	495628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	452787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	206282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	136248	52.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.92%			
35) Dibromofluoromethane	7.914	113	140579	51.30	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.60%			
50) Toluene-d8	10.344	98	502912	45.88	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.76%			
62) 4-Bromofluorobenzene	12.632	95	186541	47.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.52%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	146463	45.42	ug/l	98
3) Chloromethane	2.209	50	187892	54.10	ug/l	96
4) Vinyl Chloride	2.350	62	211122	54.65	ug/l	99
5) Bromomethane	2.768	94	147013	55.50	ug/l	100
6) Chloroethane	2.921	64	141021	59.76	ug/l	95
7) Trichlorofluoromethane	3.273	101	250877	49.48	ug/l	99
8) Diethyl Ether	3.709	74	84062	56.31	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	150547	50.91	ug/l	93
10) Methyl Iodide	4.303	142	148456	45.09	ug/l	94
11) Tert butyl alcohol	5.226	59	51238	209.07	ug/l	99
12) 1,1-Dichloroethene	4.068	96	152824	51.38	ug/l	95
13) Acrolein	3.926	56	50593	247.21	ug/l	99
14) Allyl chloride	4.715	41	224036	51.79	ug/l	97
15) Acrylonitrile	5.426	53	181711	307.27	ug/l	99
16) Acetone	4.156	43	124626	268.76	ug/l	92
17) Carbon Disulfide	4.409	76	472773	49.35	ug/l	99
18) Methyl Acetate	4.715	43	78234	65.00	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	388712	56.53	ug/l #	89
20) Methylene Chloride	4.968	84	188528	58.97	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	180059	52.73	ug/l	91
22) Diisopropyl ether	6.367	45	491204	56.27	ug/l	94
23) Vinyl Acetate	6.309	43	1346961	289.45	ug/l	97
24) 1,1-Dichloroethane	6.267	63	317692	56.16	ug/l	99
25) 2-Butanone	7.214	43	202929	290.64	ug/l	98
26) 2,2-Dichloropropane	7.209	77	258921	48.38	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	207343	55.93	ug/l	94
28) Bromochloromethane	7.550	49	104439	54.19	ug/l #	79
29) Tetrahydrofuran	7.561	42	132044	291.73	ug/l	95
30) Chloroform	7.714	83	322358	56.40	ug/l	98
31) Cyclohexane	7.985	56	267627	47.59	ug/l	90
32) 1,1,1-Trichloroethane	7.909	97	273034	53.00	ug/l	95
36) 1,1-Dichloropropene	8.114	75	244267	48.87	ug/l	96
37) Ethyl Acetate	7.297	43	94626	53.52	ug/l	97
38) Carbon Tetrachloride	8.097	117	228938	48.94	ug/l	100
39) Methylcyclohexane	9.356	83	307137	47.00	ug/l	98
40) Benzene	8.356	78	728569	52.13	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	61771m	57.89	ug/l	
42) 1,2-Dichloroethane	8.426	62	199140	53.33	ug/l	99
43) Isopropyl Acetate	8.456	43	190822	51.79	ug/l	95
44) Trichloroethene	9.114	130	195158	50.85	ug/l	95
45) 1,2-Dichloropropane	9.391	63	182120	53.22	ug/l	94
46) Dibromomethane	9.479	93	97310	56.12	ug/l	92
47) Bromodichloromethane	9.667	83	253723	54.23	ug/l	98
48) Methyl methacrylate	9.456	41	88525	48.27	ug/l	91
49) 1,4-Dioxane	9.461	88	22569	1110.63	ug/l #	88
51) 4-Methyl-2-Pentanone	10.232	43	469141	273.92	ug/l	99
52) Toluene	10.403	92	468549	51.46	ug/l	96
53) t-1,3-Dichloropropene	10.626	75	240349	50.75	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	286914	50.89	ug/l	96
55) 1,1,2-Trichloroethane	10.803	97	136924	55.72	ug/l	91
56) Ethyl methacrylate	10.661	69	172265	52.62	ug/l #	94
57) 1,3-Dichloropropane	10.950	76	234198	54.01	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	423957	280.65	ug/l	91
59) 2-Hexanone	10.985	43	319329	268.98	ug/l	97
60) Dibromochloromethane	11.144	129	166893	54.16	ug/l	100
61) 1,2-Dibromoethane	11.250	107	132914	54.82	ug/l	99
64) Tetrachloroethene	10.879	164	152911	47.91	ug/l	95
65) Chlorobenzene	11.673	112	486340	50.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	177125	52.34	ug/l	97
67) Ethyl Benzene	11.750	91	899245	50.48	ug/l	96
68) m/p-Xylenes	11.855	106	675935	100.51	ug/l	99
69) o-Xylene	12.185	106	315058	50.44	ug/l	99
70) Styrene	12.197	104	553868	51.95	ug/l	99
71) Bromoform	12.361	173	90535	52.78	ug/l #	97
73) Isopropylbenzene	12.479	105	842964	49.11	ug/l	100
74) N-amyl acetate	12.291	43	181282	50.81	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.732	83	151312	55.42	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	94969m	47.62	ug/l	
77) Bromobenzene	12.761	156	188897	51.33	ug/l	87
78) n-propylbenzene	12.820	91	1005985	49.54	ug/l	97
79) 2-Chlorotoluene	12.908	91	572619	50.22	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	692347	48.43	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	45978	46.65	ug/l	97
82) 4-Chlorotoluene	13.008	91	587650	49.57	ug/l	98
83) tert-Butylbenzene	13.226	119	590164	48.72	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	702420	49.50	ug/l	99
85) sec-Butylbenzene	13.402	105	828260	48.88	ug/l	99
86) p-Isopropyltoluene	13.514	119	747246	48.49	ug/l	99
87) 1,3-Dichlorobenzene	13.520	146	362051	51.17	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	360964	51.78	ug/l	99
89) n-Butylbenzene	13.844	91	722844	48.87	ug/l	98
90) Hexachloroethane	14.114	117	138622	49.80	ug/l	88
91) 1,2-Dichlorobenzene	13.891	146	316222	52.18	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.508	75	22688	50.78	ug/l	82
93) 1,2,4-Trichlorobenzene	15.161	180	209675	50.47	ug/l	99
94) Hexachlorobutadiene	15.267	225	109192	47.41	ug/l	98
95) Naphthalene	15.396	128	407609	52.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.591	180	177854	50.75	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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